

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	746913	multipli\$4 or multiply\$4 or multiplication	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
L2	1086596	sin or sine or sinusoid\$4 or oscillat\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
L3	31421	1 with 2	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
L4	571	398/195-198.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
L5	36	3 and 4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:41
L6	36	sanchez-jorge.in. sanchez-jorge-\$ in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:42
L7	4445455	multipli\$4 or multiply\$4 or multiplication or mix\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:46
L8	176983	cos or cosine or cosinusoid\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:46
L9	300198	sin or sine or sinusoid\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:47
L10	67521	8 and 9	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:47
L11	34	4 and 10	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:47
L12	1149769	squar\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:52
L13	14	11 and 12	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 16:52
L15	1	("5,949,606").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2008/12/04 17:03
L16	1802	quadrature adj detection	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
L17	11557	7 same 8 same 9	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
L18	1264	12 same 17	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
L19	18	16 and 18	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/12/04 17:04
L20	1	("5,889,802").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2008/12/04 17:08

S1	2	"20050249252".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:32
S2	1	2005-769356.NRAN.	DERWENT	OR	OFF	2007/04/09 10:45
S3	1	wo-2003067510-\$.did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 10:46
S4	1	2003-636991.NRAN.	DERWENT	OR	OFF	2007/04/09 10:48
S5	461	398/195-198.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:17
S9	242639	((monitor or monitoring or secondary or supervisory or pilot or superimpos\$7 or test) near2 (tone\$1 or signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:42
S10	191	S5 and S9	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:14
S11	1128584	((monitor or monitoring or secondary or supervisory or pilot or superimpos\$7 or test or control) near2 (tone\$1 or signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:22
S12	349	S11 and S5	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:23
S13	158	S12 not S10	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 11:23
S14	2	("4081670"   "4344173").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2007/04/09 11:25
S15	15	("4344173").URPN.	USPAT	OR	OFF	2007/04/09 11:26
S16	1059	372/29,011,29,014,29,015,29,021,31.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:14
S17	30286	(superimpos\$7) near2 (tone\$1 or signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:15
S18	46	S16 and S17	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:47
S19	2	"5,850,409".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:48
S20	59713	laser near2 control\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:16
S21	17850	S20.ab.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:49
S22	84	S17 and S21	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 16:49
S23	10	("4347610"   "4504976"   "4696817"   "4733398"   "4896325"   "4995045"   "5325382"   "5349598"   "5371755"   "5506853").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2007/04/09 16:53
S24	28	("5579328").URPN.	USPAT	OR	OFF	2007/04/09 16:55
S25	11	("4369525"   "4558465"   "4709416"   "4884279"   "5153765"   "5287375"   "5502298"   "5579328"   "5675600"   "5850409"   "5912694").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2007/04/09 16:59

S26	54741	(laser with control\$4).ab.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:17
S27	174387	pilot	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:22
S28	231	S26 and S27	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:17
S29	222	S28 not S22	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:17
S30	25289	pilot adj2 (tone\$1 or signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:22
S31	66	S26 and S30	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:40
S32	32	sanchez-jorge.in. sanchez-jorge-\$ in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:36
S33	41	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20040052281-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-6847788-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6643301-\$ or US-6388787-\$ or US-6647040-\$ or US-7012938-\$ or US-6934310-\$).did. or (US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-2004031450-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:43
S35	1	("20020003821").PN.	US-PGRUB; USPAT	OR	OFF	2007/04/09 17:41
S36	2	((("20010019436") or ("20020131459"))) .PN.	US-PGRUB; USPAT	OR	OFF	2007/04/09 17:44
S37	42	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20040052281-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-6847788-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-2004031450-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/12 09:59

S38	39	((US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$) did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$) did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$) did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$) did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$) did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/09 17:47
S40	39	((US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$) did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$) did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$) did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$) did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$) did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 08:47
S41	176617	saw or sawtooth	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 08:51
S42	2	S40 and S41	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:06
S43	4910	peak adj valley	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:36
S44	3206	quadrature adj detect\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:10
S45	20703	linear adj regression	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:08
S46	14936	398/1-214.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:09
S47	28710	S43 or S45 or S44	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:09
S48	107	pilot same S47	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:27
S49	2	S46 and S48	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:09
S50	1	S40 and S47	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:10
S51	3	quadrature and S40	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:10
S52	25530	S43 or S45	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:12

S53	95	pilot same S52	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:12
S54	208	peak adj valley adj detect\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:37
S55	7	pilot and S54	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S56	33166	bias adj current	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S57	3111	modulation adj current	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S58	934	S56 and S57	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S59	15	S40 and S58	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 09:39
S60	2407168	ratio\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:32
S61	390798	slope\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:36
S62	19984	S60 same S61	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:37
S63	6	S40 and S62	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:36
S64	21	S40 and S61	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/10 10:37
S65	11	((("6839366") or ("5889802") or ("5579328") or ("5394416") or ("5850409") or ("4344173") or ("4995045") or ("5526164") or ("20020003821") or ("7012938") or ("5153765"))).FN	US-PGRUB; USPAT	OR	OFF	2007/04/10 13:13
S66	11	((("5889802") or ("4995045") or ("20020003821") or ("5850409") or ("5153765") or ("4344173") or ("7012938") or ("6839366") or ("5394416") or ("5526164") or ("5579328"))).FN	US-PGRUB; USPAT	OR	OFF	2007/04/13 14:44
S67	42	((US-20040086006-\$ or US-20020131459-\$ or US-20010019436-\$ or US-20020003821-\$ or US-20050249252-\$ or US-20050084202-\$).did. or (US-5889802-\$ or US-6934310-\$ or US-4924470-\$ or US-6614857-\$ or US-6271944-\$ or US-4385387-\$ or US-4995045-\$ or US-5850409-\$ or US-5847856-\$ or US-4864649-\$ or US-5153765-\$ or US-4344173-\$ or US-7012938-\$ or US-6839366-\$ or US-5394416-\$ or US-4680810-\$ or US-5019769-\$ or US-4504976-\$ or US-6389087-\$ or US-4995100-\$ or US-6388787-\$ or US-4792956-\$ or US-5526164-\$ or US-4827481-\$ or US-5579328-\$ or US-5268916-\$).did. or (US-5046138-\$).did. or (DE-3242481-\$ or DE-3508034-\$ or EP-141192-\$).did. or (JP-56060084-\$ or JP-07226714-\$ or JP-60091667-\$).did. or (GB-2247371-\$ or WO-2005104315-\$ or WO-2003067510-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/04/13 15:09

S68	42	(US-20010019436-\$ or US-20020003821-\$ or US-20050084202-\$ or US-20020131459-\$ or US-20040086006-\$ or US-20050249252-\$).did. or (US-5394416-\$ or US-5046138-\$ or US-7012938-\$ or US-6388787-\$ or US-4792956-\$ or US-5847856-\$ or US-4924470-\$ or US-5153765-\$ or US-4827481-\$ or US-4864649-\$ or US-4995100-\$ or US-4344173-\$ or US-6934310-\$ or US-4995045-\$ or US-4385387-\$ or US-6271944-\$ or US-6839366-\$ or US-4504976-\$ or US-6614857-\$ or US-4680810-\$ or US-5019769-\$ or US-5850409-\$ or US-5526164-\$ or US-5579328-\$ or US-5889802-\$ or US-6389087-\$).did. or (US-5268916-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2003067510-\$ or GB-2247371-\$ or WO-2005104315-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:41
S69	109	398/162.ccls.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:41
S70	261824	(monitor or monitoring or secondary or supervisory or pilot or superimposes7 or test or auxiliary) near2 (tone \$1 or signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:45
S71	29	S69 and S70	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/10 16:45
S72	686943	multipl\$4 or multiply\$4 or multiplication	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/12 09:53
S73	39	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/12 09:53
S75	42	(US-20040086006-\$ or US-20020131459-\$ or US-20010019436-\$ or US-20020003821-\$ or US-20050249252-\$ or US-20050084202-\$).did. or (US-5889802-\$ or US-6934310-\$ or US-4924470-\$ or US-6614857-\$ or US-6271944-\$ or US-4385387-\$ or US-4995045-\$ or US-5850409-\$ or US-5847856-\$ or US-4864649-\$ or US-5153765-\$ or US-4344173-\$ or US-7012938-\$ or US-6839366-\$ or US-5394416-\$ or US-4680810-\$ or US-5019769-\$ or US-4504976-\$ or US-6389087-\$ or US-4995100-\$ or US-6388787-\$ or US-4792956-\$ or US-5526164-\$ or US-4827481-\$ or US-5579328-\$ or US-5268916-\$).did. or (US-5046138-\$).did. or (DE-3242481-\$ or DE-3508034-\$ or EP-141192-\$).did. or (JP-56060084-\$ or JP-07226714-\$ or JP-60091687-\$).did. or (GB-2247371-\$ or WO-2005104315-\$ or WO-2003067510-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:27
S76	72518	lock\$4 with detect\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:28
S77	2498	regress\$4 with detect\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:31
S78	12316	quadrature with detect\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:12

S79	5	S76 and S75	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:28
S80	1	S77 and S75	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S81	1	S78 and S75	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S82	482	398/195-198.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S83	1	S77 and S82	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:29
S84	1076	372/29.011,29.014,29.015,29.021,31.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S85	1	S77 and S84	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S86	0	S78 and S84	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S87	15419	398/1-214.cds.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S88	2	S77 and S87	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:30
S89	7587	regress\$4 same detect\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:32
S90	6	S87 and S89	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:31
S91	72891	regress\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:32
S92	22	S87 and S91	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 13:59
S93	3	S75 and S91	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:38
S94	88350	quadrature	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:38
S95	4	S75 and S94	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:39
S96	178219	pilot	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:39
S97	2337	S94 same S96	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:39
S98	13	S87 and S97	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:40
S99	375	S78 same S96	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:40

S100	4	S87 and S99	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:43
S101	134	S78 with test	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:43
S102	51	S78 with (test adj signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:13
S103	32	sanchez-jorge.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:04
S104	2	"20060159142".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 10:49
S105	1	2005-769356.NRAN.	DERWENT	OR	OFF	2007/07/18 10:50
S106	3	sanchez-jorge-\$ in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:05
S107	1	wo-2003067510-\$ did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:05
S108	1	2003-636991.NRAN.	DERWENT	OR	OFF	2007/07/18 11:05
S109	3260	quadrature adj detect\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:12
S110	2	S77 with (test adj signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:13
S111	7	S91 with (test adj signal\$1)	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:13
S112	6	S84 and S91	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:17
S113	16	S84 and S94	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 11:17
S114	304798	slope	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 13:59
S115	23	S75 and S114	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S116	5560	S91 same S114	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S117	41406	"372".clas.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S118	14	S116 and S117	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2007/07/18 14:00
S119	2	"20060159142".pn.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:09
S120	46	oeyx.as. and sanchez.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:11



S121	699028	multipl\$4 or multiply\$4 or multiplication	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:22
S122	38	(US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20020131459-\$ or US-20010019436-\$).did. or (US-5153765-\$ or US-5046138-\$ or US-4864649-\$ or US-4680810-\$ or US-4504976-\$ or US-4995100-\$ or US-4344173-\$ or US-4792956-\$ or US-5526164-\$ or US-5847856-\$ or US-6271944-\$ or US-4827481-\$ or US-4924470-\$ or US-5019769-\$ or US-5394416-\$ or US-5889802-\$ or US-6839366-\$ or US-5850409-\$ or US-5579328-\$ or US-4995045-\$ or US-6388787-\$ or US-7012938-\$ or US-6934310-\$ or US-4385387-\$).did. or (DE-3508034-\$ or EP-141192-\$ or DE-3242481-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2005104315-\$ or WO-2003067510-\$ or GB-2247371-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:22
S123	13	S122 and S121	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 09:22
S124	46	(US-20020131459-\$ or US-20010019436-\$ or US-20050249252-\$ or US-20050084202-\$ or US-20040086006-\$ or US-20020003821-\$ or US-20060159142-\$).did. or (US-4504976-\$ or US-5394416-\$ or US-4385387-\$ or US-6388787-\$ or US-6271944-\$ or US-5046138-\$ or US-4827481-\$ or US-5847856-\$ or US-4924470-\$ or US-6839366-\$ or US-4864649-\$ or US-5019769-\$ or US-5850409-\$ or US-4995045-\$ or US-4680810-\$ or US-5579328-\$ or US-4792956-\$ or US-5526164-\$ or US-4995100-\$ or US-7012938-\$ or US-6934310-\$ or US-5153765-\$ or US-5889802-\$ or US-4344173-\$ or US-6614857-\$ or US-6389087-\$).did. or (US-5268916-\$ or US-4994675-\$ or US-5815294-\$ or US-5710653-\$ or US-5812572-\$).did. or (DE-3242481-\$ or DE-3508034-\$ or EP-141192-\$).did. or (JP-07226714-\$ or JP-60091687-\$ or JP-56060084-\$).did. or (WO-2003067510-\$ or GB-2247371-\$ or WO-2005104315-\$ or WO-2003067510-\$).did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:01
S125	279687	sin or sine or sinusoid\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:01
S126	17	S124 and S125	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:01
S127	65597	cosin or cosine or cosinusoid\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:02
S128	3	S126 and S127	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 11:02
S129	153639	(pilot or test or monitor or monitoring or testing or supplemental or secondary or supervisory) adj2 signal \$1	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:37
S130	22391	S125 same S127	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:37
S131	285	S129 same S130	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:37
S132	206	S121 and S131	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:38
S133	888935	modulat\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:38

S134	150	S132 and S133	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 12:38
S135	6155	S121 same S125 same S127	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:42
S136	1071587	squar\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:42
S137	77	S121 same S125 same S127 same S129	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:43
S138	51	S136 and S137	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 16:43
S139	10	S136 same S137	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:27
S140	728	S136 same S135	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:28
S141	115	S129 and S140	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:29
S142	103	S141 not S137	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:29
S143	163890	cos or cosine or cosinusoid\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S144	9292	S121 same S125 same S143	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S145	1071	S136 same S144	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S146	170	S129 and S145	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S147	17	S129 same S145	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:37
S148	0	JP-410003627-\$ did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:40
S149	2	JP-10003627-\$ did.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:40
S150	1	("5949606").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2008/02/25 17:41
S151	148	398/32.cdfs.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/02/25 17:52
S152	1	("5526164").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2008/11/30 10:26
S153	1	("20060159142").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2008/11/30 10:28
S154	1	("4,994.675").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2008/11/30 10:52
S155	1	("5,949,606").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2008/11/30 11:02

S156	32	sanchez-jorge.in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:06
S157	4	sanchez-jorge-\$in.	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:06
S158	36	S156 or S157	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:06
S159	745797	multipl\$4 or multiply\$4 or multiplication	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:11
S160	299702	sin or sine or sinusoid\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S161	70384	cosin or cosine or cosinusoid\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S162	6456	S159 same S161 same S160	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S163	1148007	squar\$4	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S164	775	S162 same S163	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S165	1121701	laser\$1	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S166	621808	bias	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:12
S167	78821	S165 and S166	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:13
S168	19	S164 and S167	US-PGRUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/11/30 13:13

12/4/08 6:03:54 PM

C:\Documents and Settings\cleung\My Documents\EAST\Workspaces\10561546.wsp